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Resource Report

The E-Newsletter from SMRI, a New Jersey Meadowlands Commission Institute operated by Ramapo College of New Jersey. August 2006

In this issue...

SMRI UPCOMING SEMINAR: Sustainable Energy and Electrical Protection

presented by Andrew
Topinka, CPMR

<u>Mid-Course Correction, a</u> presentation by Ray Anderson

NEWS YOU CAN USE: NJMC
Commits to the Goals of the
Kyoto Protocol

SUSTAINABILITY
DEVELOPMENTS: NJMC Hosts
First Meadowlands Regional
Renewable Energy District
Meeting

SMRI/MEC EDUCATIONAL
OUTREACH: The Unity School
& the Cloud Institute

SMRI Nominates Montclair for New Jersey Clean Energy Leadership Award

RECOMMENDED READING: Cradle to Cradle

NEWLY PUBLISHED: The Hackensack Meadowlands, A

Greetings!

We are pleased to announce the <u>webpages for SMRI</u>. It is our aim to provide you with at a glance information on our activities and related resources and references.

Please let us know what you'd like to see on these pages and we will do our best to accommodate!

Sincerely,

Joe Porrovecchio, Director SMRI

 SMRI UPCOMING SEMINAR: Sustainable Energy and Electrical Protection presented by Andrew Topinka, CPMR

The August SMRI Seminar will feature Andrew Topinka, CPMR, President and Founder of Technical Group Services, Inc., a Power Quality Service Corporation.

This two hour workshop will examine ways to decrease

operating costs in our existing power distribution system, evaluate power for renewable energy and the environmental impact of inefficient power.

Mr. Topinka has lectured on Power Quality & Harmonics to National Electrical Contractors Association, New Jersey State Council of Electrical



Metropolitan Wildlife Refuge

Contractors, NJ Electrical Inspectors, AT&T, Johnson Controls, Electrical Exposition Conference, and many other organizations.

Hosted by: Sustainable Meadowlands Resource

Institute

When: Friday, August 17th

Where: Meadowlands Environment Center,

Lyndhurst NJ

Time: 11:00 am to 1:00 pm

No fee to attend, pre-registration required.

To register for the seminar: 201-777-2413, Michelle

Spataro, SMRI

 SEMINARS HELD ELSEWHERE: Mid-Course Correction, a presentation by Ray Anderson

SEMINAR OVERVIEW: July 21st - It's the Money



Thank you to all who attended SMRI's inaugural seminar, It's the Money: Separating Green Fact from Fiction in the Design and Construction of Low-to-Mid- Rise Buildings.

The seminar was conducted Friday July 21 at the Meadowlands Environment Center, there were 84 attendees with diverse backgrounds ranging from educators to real estate financiers, from bankers to builders, code officials to architects and planners. Exiting comments were:

"We would like to attend future seminars, please include us in your mailing list."

"Never would have guessed that a • high performance building can be constructed without additional costs for LEED certification and commissioning!"

"Thank you, for an outstanding and informative presentation. The interaction with experts and learning about the US Green Building Counsel was a positive experience."

"Overall it was an excellent seminar! Alan Whitson was tremendous. I think we got our money's worth with his material alone. So the rest was just icing."

"In the 1st panel I thought Paul Lalli and Richard Johnson were great. And I thought the

The unexpected hero of the Canadian documentary, "The Corporation", Ray Anderson will discuss how he went from a "plunderer of the earth" to the leading architect of Sustainability, saving manufacturer Interface Inc. nearly \$300 million in the process, and helping to ensure a bright future for both the business and natural environments.

Hosted by: Fairleigh Dickinson University's Institute for Sustainable Enterprise.

When: Friday, September 15th

Where: The Mansion, FDU's College at Florham,

Madison, NJ

Time: 8:00 am - continental breakfast & registration, 9:00 to 10:30 am - program Questions about the seminar: 973-443-8577

To read more and to register

NEWS YOU CAN USE: NJMC Commits to the Goals of the Kyoto Protocol

The New Jersey Meadowlands Commission will implement policies and programs to advance the Kyoto Protocol, an international agreement to fight

global warming by reducing greenhouse emissions.

The agency will see a 7 percent reduction of greenhouse gas levels recorded in 1990 by the year 2012. In addition, the NJMC will encourage the 14 Meadowlands municipalities to join in endorsing the treaty.

Read more...

 SUSTAINABILITY DEVELOPMENTS: NJMC **Hosts First Meadowlands Regional Renewable Energy District Meeting**

discussion among the vendors in the second panel was great!"

"I have spoken to many, many vendors individually about sustainable products, but there was some synergy going on with them presenting together."

"On the whole, it was a morning extremely well spent for me."

"The sustainable movement is barely out of its infancy; your seminar was ahead of the curve. I hope you can sponsor more sustainable events in the near future."

SMRI Links...

- Sustainable Meadowlands Resource Institute
- <u>Meadowlands</u> Environment Center
- New Jersey
 Meadowlands
 Commission
- Ramapo College of New Jersey

Supporting Links

- Cloud Institute for Sustainability Education
- Geraldine R. Dodge Foundation, The
- Institute for Sustainable Enterprises
- <u>Meadowlands</u> Conservation Trust
- New Jersey Clean Energy Leadership Award
- Unity Charter School

July 13th - The first meeting of individuals interested in participating in the Meadowlands Regional Renewable Energy District was held at the New Jersey Meadowlands Commission.

At this meeting, the NJMC's solar energy consultant, Jeff Wootan from Solar Design Associates, delivered a PowerPoint presentation about photovoltaic solar energy, and global warming.

Interested parties in attendance were given an electronic questionnaire to complete. The results of this survey will effectively give the NJMC much needed information about the properties to be used in this project. This information will be incorporated into the Request for Proposal, which will is scheduled to be released in early fall.

For additional information on or to participate in the Meadowlands Regional Renewable Energy District please contact:

Kenny Esser New Jersey Meadowlands Commission Kenny.Esser@njmeadowlands.gov

To obtain the Solar Site Audit Questionnaire, click here

 SMRI/MEC EDUCATIONAL OUTREACH: The Unity School & the Cloud Institute

The Geraldine R. Dodge Foundation is funding incorporating principles of sustainability into K-12 grade curricula.



The Unity Charter School has partnered with SMRI, The Cloud Institute and a small number of NJ Charter Schools on a three year program with Dodge Foundation seed money to design and implement a program that will begin this fall.

In preparation for this work on Sunday, July 9th a number of educators attended the Cloud Institutes Introductory seminar covering Habits of Mind, Systems Thinking and Core Content of Education for Sustainability. This program will be repeated in September for educators and administrators at the MEC.

For additional information on The Cloud Institute

 SMRI Nominates Montclair for New Jersey Clean Energy Leadership Award

SMRI is proud to have nominated



Montclair State University's LEED Certified "University Hall" for the NJ Clean Energy Leadership Award.

The new State-of-the-Art Academic building, University Hall, houses the College of Education and Human Services; office and instructional space including a dean's suite; 125 faculty offices; eight specialized learning labs; six department offices; 28 adjunct work stations; the ADP Center for Teacher Preparation and Learning Technology; the Center for Pedagogy; a Literacy Enrichment Center; and the Institute for the Advancement of Philosophy for Children. Classroom space includes eight 100-seat lecture halls and 29 classrooms with 30 to 40 seats.

University Hall was designed to obtain LEED certification from the US Green Building Council, as a high performance and "green" building.

University Hall at 275,000 square feet can be listed as one of the largest high performance buildings in the State of New Jersey Higher Education System.

Little history is available to actually document the energy savings accomplished since January 16, 2006 to date. Projection of 22% of the energy coast budget as defined in ASHRAE/IESNA 90.1-1999, section 11 has been documented through modeling.

However, recalibration with actuals is proving to be a significant improvement with 36% energy savings. Vanderweil Engineers are in the process of documenting this high performance savings over the conservative initial calculations. This project has exceeded expectations and is setting a new standard for construction of New Jersey College buildings.

Additional information on the project can be found here

RECOMMENDED READING: Cradle to Cradle

Articulated is a vision of a world of abundance, not limits, reducing the human ecological footprint and celebrating creativity, culture and productivity. "We consider how the chemicals we use affect local water and soil-rather than contaminate, how might they nourish?, what the product is made from, the surroundings in



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201-460-8300

which it is made, how our processes interact with what is happening upstream and downstream, how we can create meaningful occupations, enhance the region's economic and physical health, accrue

biological and technical wealth for the future."

This recommended reading appeals to educators, planners, manufacturers, investors, architects, designers, builders and should be mandatory reading for all (and would-be) elected officials.

Authors: William McDonough & Michael Baungart

Paperback: 208 pages

Publisher: North Point Press; 1st edition (April 22,

2002)

ISBN: 0865475873 **Author Website**

NEWLY PUBLISHED: The Hackensack Meadowlands, A Metropolitan Wildlife Refuge

This booklet provides a history of the Meadowlands region, along with detailed descriptions of its critical sites, a wildlife catalogue, and recommendations for preservation.

Authors: Dr. Erik Kiviat and Dr. Kristi MacDonal- Beyers, Edited by Karen Moore with assistance from

Carolyn Summers Paperback: 42 pages

Publisher: Meadowlands Conservation Trust; 1st

edition (July, 2006)

To obtain copies, contact the Meadowlands Conservation Trust

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